ting at the Demonstrate Both sting	NOV 1 0 200	U.S. Patent and Trademark	t for use through 03/31/2007. OMB 0551 - Office; U.S. DEPARTMENT OF COMME unless it displays a valid OMB control num
PETITION FOR REVIV	AL OF AN APPLICATI	ON FOR PATENT	Docket Number (Optional) 19.0321
First named inventor: KEITH.			
Application No.: 10/754,302		Art Unit: 3672	
Filed; 01/09/2004		Examiner: NEUDER, WILLIAM P.	
Title: METHODS OF CASING DR	HLLING		
Attention: Office of Petitions Mail Stop Petition Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 FAX (571) 273-8300			
	nation or assistance is need tion at (571) 272-3282.	ed in completing this form	, please contact Petitions
action by the United States	ation became abandoned for Patent and Trademark Offic oly in the office notice or acti	e. The date of abandonme	and proper reply to a notice ent is the day after the expirat ime actually obtained.
APPLICA	ANT HEREBY PETITIONS F	OR REVIVAL OF THIS A	PPLICATION
(1) Peti (2) Rep (3) Terr filed	able petition requires the foll- tion fee; ily and/or issue fee; ninal disclaimer with disclain I before June 8, 1995; and fo ement that the entire delay v	ner fee - required for all ut or all design applications; a	llity and plant applications and
1.Petition fee	(37 CFR 1.17(m)). A	opplicant claims small entities	y status. See 37 CFR 1.27.
✓ Other than small ent	ity – fee \$ <u>1500</u> (3	87 CFR 1.17(m))	
2. Reply and/or fee A. The reply and/o the form of	or fee to the above-noted Of	fice action in(iden	ntify type of reply):
	n filed previously on sed herewith.	<u></u> ,	

NOV-10-06

11:14AM FROM-Schlumberger IP Law

T-158 P 002/007 F-406

+281-285-8821

This collection of information is required by 37 CFR 1,137(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application, Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.0 hour to compate, including gathering, preparing, and submitting the compated application form to the USPTO. Time will vary depending upon the individual case. Any commats on the amount of time you require to compate this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.8. Patent and Trademark Office, U.8. Department of Commerce, P.O. 80x 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Petition, Commissioner for Patents, P.O. 80x 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PAGE 2/7 \* RCVD AT 11/10/2006 12:20:28 PM [Eastern Standard Time] \* SVR:USPTO-EFXRF-6/31 \* DNIS:2738300 \* CSID:+281 285 8821 \* DURATION (mm·ss):02-48 11/14/2006 EFLDRES1 00000009 502898 10754302 01 FC:1453 1500.00 DA

	RECEIVED CENTRAL FAX CENTER	
	PTC/SB/64 (09-0 NOV 1 0 2006 U.S. Patent and Tradomark Office; U.S. DEPARTMENT OF COMMERC Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it displays a valid OMB control number	ií F
	Inder the Paperwork Restaction Act of 1989, htt persons are required to respond to a conception in the person of t	
	Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required.	
	A terminal disclaimer (and disclaimer fee (37 CFR 1.20(d)) of \$ for a small entity or \$ for other than a small entity) disclaiming the required period of time is enclosed herewith (see PTO/SB/63).	-
fill Tr at	ATEMENT: The entire delay in filing the required reply from the due date for the required reply until the ng of a grantable petition under 37 CFR 1.137(b) was unintentional. [NOTE: The United States Patent and ademark Office may require additional information if there is a question as to whether either the mandonment or the delay in filing a petition under 37 CFR 1.137(b) was unintentional (MPEP 711.03(c), absorbins (III)(C) and (D)).]	
	WARNING: oner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that m	••••
contri numb the U USP to the of the of a	byte to identify theft. Personal information such as social security numbers, bank account numbers, or credit ca ears (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required SPTO to support a petition or an application. If this type of personal information is included in documents submitted to t IO, petitioners/applicants should consider redacting such personal information from the documents before submitted to t USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuan patent. Furthermore, the record from an abandoned application may also be available to the public if the application proced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PT submitted for payment purposes are not retained in the application file and therefore are not publicly available.	ird by he on ce is
	Thursterkell 11/10/06	
1	Signature Date	
	MATTHIAS ABRELL         47377           Typed or printed name         Registration Number, if applicable	
	SCHLUMBERGER SPC, 200 GILLINGHAM LANE MD 200-9 281 285 8809	
	Address Telephone Number	
	SUGAR LAND TX 77478 USA	
En	Address closures: V Fee Payment The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number Reply 502898 (an extra copy of this form is enclosed).	ų1
	Terminal Disclaimer Form	
	Additional sheets containing statements establishing unintentional delay	
	✓ Other: <u>SEE ATTACHED PART B- FEE(S) TRANSMITTAL</u>	
	CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)] hereby certify that this correspondence is being: Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mall in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450. Transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (571) 273-8300. NOV - 10 2006 Date PAM RAHMATDOOST Typed or printed name of person signing certificate	
	( Abor of bitting of betraut pilling conjugate	
ΙL		
	(Pege 2 of 2)	

T-158 P.003/007 F-406

+281-285-8821

NOV-10-06

11:14AM

FROM-Schlumberger IP Law

PAGE 3/7 \* RCVD AT 11/10/2006 12:20:28 PM [Eastern Standard Time] \* SVR:USPTO-EFXRF-6/31 \* DNIS:2738300 \* CSID:+281 285 8821 \* DURATION (mm-ss):02-48

RECEIVE CENTRAL FAX (		
NOV 1 0 2		PTC/SB/64 (09-06) for use through 03/31/2007. OMB 0551-0031 Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required PETITION FOR REVIVAL OF AN APPLICA ABANDONED UNINTENTIONALLY UNDER	TION FOR PATENT	Docket Number (Optional) 19.0321
First named inventor: KEITH ALAN MORIARTY		
Application No.: 10/754,302	Art Unit: 3672	
Filed: 01/09/2004	Examiner: NEU	JDER, WILLIAM P.
Title: METHODS OF CASING DRILLING		
Attention: Office of Petitions Mall Stop Petition Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 FAX (571) 273-8300 NOTE: If Information or assistance is no Information at (571) 272-3282.	eded in completing this form	, please contact Petitions
The above-identified application became abandone action by the United States Patent and Trademark O date of the period set for reply in the office notice or a APPLICANT HEREBY PETITION	ffice. The date of abandonmo action plus an extensions of t	ime actually obtained.
NOTE: A grantable petition requires the (1) Petition fee; (2) Reply and/or issue fee; (3) Terminal disclaimer with disc filed before June 8, 1995; an (4) Statement that the entire dela	following items: laimer fee - required for all ut d for all design applications; a	ility and plant applications
1.Petition fee Small entity-fee \$ (37 CFR 1.17(m)		ty status. See 37 CFR 1.27.
2. Reply and/or fee A. The reply and/or fee to the above-noted the form of	(ide	ntify type of reply):
has been filed previously on is enclosed herewith.	·	
<ul> <li>B. The issue fee and publication fee (if appendix the set of the</li></ul>		
	[Page 1 of 2]	coeffit by the public which is to file (and by the

FROM-Schlumberger IP Law

11:15AM

NOV-10-06

T-158 P.005/007 F-406

+281-285-8821

The collection of information is required by 37 CFR 1.137(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application, Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestors for feacuring this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PAGE 5/7 \* RCVD AT 11/10/2006 12:20:28 PM [Eastern Standard Time] \* SVR:USPTO-EFXRF-6/31 \* DNIS:2738300 \* CSID:+281 285 8821 \* DURATION (mm-ss):02-48

	FROM-Schlumberger IP Law	+281-285-8821	T-158 P.006/007 F
		· · ·	
			PTO/SB/54 (09-0)
	work Reduction Act of 1995, no persons are required to	Approved for	USE through 03/31/2007. OMB 0651-003
Linder the Paper	vork Reduction Act of 1995, no persons are required to	D.S. Patent and Trademark Cill b respond to a collection of information unla	ss it displays a valid OMB control number
3. Terminal discl	aimer with disclalmer fee		
Since thi	s utility/plant application was filed on c	or after June 8, 1995, no termir	al disclaimer is required.
for other	al disclalmer (and disclaimer fee (37 C than a small entity) disclaiming the re Say	quired period of time is enclose	ed herewill (see
4. STATEMENT filing of a grar Trademark Of abandonment	: The entire delay in filing the required table petition under 37 CFR 1.137(b) fice may require additional information ; or the delay in filing a petition under ( (II)(C) and (D)).]	was unintentional. [NOTE: The n if there is a question as to wh 37 CFR 1.137(b) was unintenti	ether either the
	the souther ad the sweld submitting period	ARNING: nat information in documents filed	I in a patent application that m
contribute to iden numbers (other th the USPTO to sup USPTO, petitioned to the USPTO. P of the application of a patent. Furth	The califormation be avoid submitting power tity theft. Personal information such as an a check or credit card authorization for port a petition or an application. If this typ stapplicants should consider redacting su attioner/applicant is advised that the reco (unless a non-publication request in comp hermore, the record from an abandoned iblished application or an issued patent (so r payment publication or an issued patent in the	To period security numbers, bank m PTO-2038 submitted for payme be of personal Information is includ ch personal Information from the c ord of a patent application is avail- llance with 37 CFR 1.213(a) is ma application may also be available ap 37 CFR 1.14). Checks and cft	account (numbers, of create as ent purposes) is never required led in documents submitted to t documents before submitting the able to the public after publicati ade in the application) or issuan to the public if the application addit card authorization forms PT
2038 submitted to	r payment purpases are not retained in the	application the and alorerers are	
	Thirdupert		<u>/////////////////////////////////////</u>
	Signature		Dale
	MATTHIAS ABRELL		47377
	Typed or printed name	Regist	ration Number, if applicable
	HLUMBERGER SPC, 200 GILLINGHAM LANE	- MC 200.0	281 285 8809
	Address		Telephone Number
			·
	SUGAR LAND TX 77478 USA		
Enclosures:	fee(s) or credit any	or is hereby authorize overpayment, to Depos a copy of this form is	sit Account Number
Γ	Terminal Disclaimer Form		
	Additional sheets containing state	nents establishing unintention	al delay
г	Other: SEE ATTACHED PART B- FEEIS	TRANSMITTAL	
Ŀ			
	CERTIFICATE OF MAILING tilfy that this correspondence is being: eposited with the United States Posta ostage as first class mail in an envelop atents, P. O. Box 1450, Alexandria, V ransmitted by facsimile on the date sh office at (571) 273-8300. DV - 10 2006	l Service on the date shown be pe addressed to: Mail Stop Pet A 22313-1450.	elow with sufficient tition, Commissioner for spatent and Trademark

PAGE 6/7 \* RCVD AT 11/10/2006 12:20:28 PM [Eastern Standard Time] \* SVR:USPTO-EFXRF-6/31 \* DNIS:2738300 \* CSID:+281 285 8821 \* DURATION (mm-ss):02-48